

Design Build QC/QA Plan Requirements


Policy

The Design-Builder shall be responsible for the quality of construction and materials incorporated into the project. The Design-Builder's Quality Assurance measures are to insure that operational techniques and activities provide material of acceptable quality. Design-Builder sampling and testing shall be performed to control the processes and determine the degree of material compliance with the Contract Provisions.

The Design-Build QC/QA Plan shall include a description of the process for quality control, which shall be defined as a separate entity from the QA organization. The construction design-builder, their supplier, or subcontractor shall perform the project quality control, to provide process control for design, construction and materials being produced for use on this project

The quality assurance organization(s) and personnel shall have sufficient authority and organizational autonomy to identify quality problems, and to initiate, recommend, and verify implementation of solutions. Persons performing Quality Assurance functions shall be at an organizational level which ensures that they are not influenced by the impact of implementation of the Quality Assurance measures on the Project schedule, performance or cost. To ensure the above organizational independence, at the very least, the QA organization shall be established as a separate entity operating under a separate profit center from the design and production organization. All key personnel performing Quality Assurance functions shall be exclusively designated to such and shall not be assigned to perform conflicting duties.

The plan must at a minimum address the following:

- A.  scribe the Design-Builder's quality assurance organization, including the number of full-time equivalent employees with specific Quality Assurance responsibilities and including a chart showing lines of authority and reporting responsibilities;
- B. List by discipline the name, qualifications, duties, responsibilities and authorities for all persons proposed to be responsible for Construction Quality Assurance;
- C. Quality assurance sampling, testing, and analysis plan with frequencies, location and methods;
- D. Load testing and integrity testing required to verify adequacy of the foundation capacity, soil reinforcement elements, or adequacy of ground stabilization;
- E. Identify properly equipped, staffed, and fully operational laboratory(s) to be used

- F. Specify documentation for QA activities, including control charts; and
- G. WSDOT requirements for corrective action when quality acceptance criteria are not met.
- H. Identify activity meetings that include discussions relating to what materials will be used, how the work will be accomplished, by whom it will be performed, and where, when, and how the work will be done.

The Contract Provisions may also require specific quality assurance measures for certain materials. When so required the Design-Builder shall provide all personnel, equipment, supplies, and facilities necessary to perform quality assurance, obtain samples, and perform tests required in the Contract Provisions.